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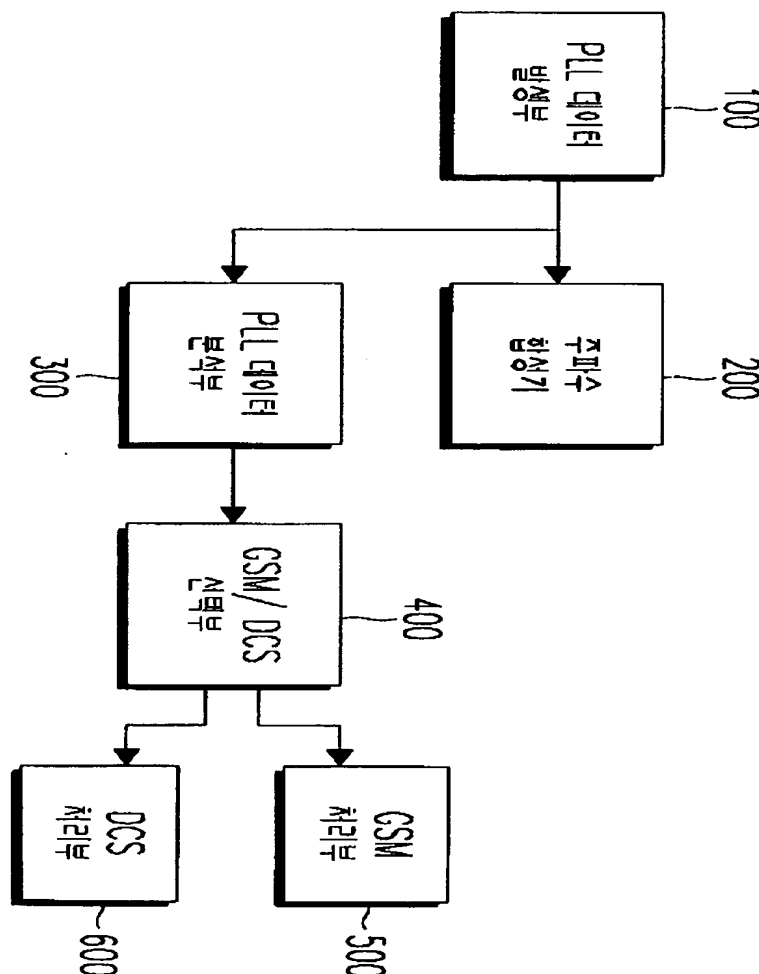
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DEVICE AND METHOD FOR SWITCHING BAND IN DUAL-BAND TERMINAL

Representative drawing



(57) Abstract:

PURPOSE: A device for switching a band in a dual-band terminal is provided to rapidly operate a band switching, after executing a band switching through usage of Phase Lock Loop(PLL) data, without direct control of a controller.

CONSTITUTION: A device for switching a band in a dual-band terminal comprises a phase synchronizing loop data generator(100), a frequency mixer(200), a circuit for analyzing a phase synchronizing loop data(300), and a band selector(400). The phase synchronizing loop data generator(100) generates and outputs a phase synchronizing loop data including in a frequency band operating currently. The frequency mixer(200) mixes

frequencies through the outputted phase synchronizing loop data. The circuit for

analyzing a phase synchronizing loop data(300) outputs a frequency band selecting signal by analyzing the outputted phase synchronizing loop data. The band selector(400) selects a wireless processing signal circuit, basing on a related frequency band, according to a band-selecting signal supplied from the circuit for analyzing a phase synchronizing loop data.

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